

CLAIMS

1. A substance comprising any one or more of: an amino acid sequence comprising the sequence presented as SEQ ID No. 2, or a variant thereof, or a homologue thereof, or a fragment thereof, or a derivative thereof, or a mimetic thereof; which substance is capable of acting in a manner that is the same as or is similar to EtxB and/or CtxB; but wherein the substance does not exhibit GM-1 binding activity.

2. A substance as defined in claim 1 for use in medicine.

3. A substance as defined in claim 1 for use as an immunomodulator.

4. A substance as defined in claim 1 for use as an adjuvant.

5. A substance as defined in claim 1 for use as an inhibitor for toxin-induced diarrhoea.

6. A substance according to any one of the preceding claims wherein the substance additionally comprises an antigen or an antigenic determinant.

7. A pharmaceutical composition comprising the substance according to any one of claims 1 to 6, optionally admixed with one or more pharmaceutically acceptable carrier(s), diluent(s) or excipient(s).

8. Use of a substance as defined in any one of claims 1 to 7 for use in the manufacture of a medicament that is capable of treating and/or preventing and/or modulating a disease and/or condition associated with an immune disorder and/or a toxin induced diarrhoea disease.

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9. An assay method for determining one or more agents that are capable of interacting with and/or affecting the substance according to any one of claims 1 to 7; wherein the assay comprises contacting the substance with an agent to be tested, and then determining whether or not the agent affects the substance.

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10. An agent identified by the assay method according to claim 9.

11. A method of treatment, comprising administering to a subject in need of treatment of and/or prevention of and/or modulation of a disease and/or condition 10 associated with an immune disorder and/or a toxin mediated disorder a substance as defined in any one of claims 1 to 7

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